





This brief provides a general overview of the **Safety Data Sheet** requirements in the Hazard Communication Standard OSHA's 29 CFR 1910.1200(g) and Appendix D of 29 CFR 1910.1200).

### Section 1 ~ Identification

<b>Identity (As Used On Label and List)</b> <b>A1011 Armor Coat</b>	<b>Date Prepared:</b> 12-03-2013
<b>Company Information:</b> OMEGA INDUSTRIAL SUPPLY, INC	<b>Emergency Telephone Number:</b> 1-800-424-9300
<b>Address (Number, Street, Suite/Apt#)</b> 101 Grobric Ct #1	<b>Telephone Number for Information:</b> 1-800-571-7347
<b>(City, State, and Zip Code)</b> Fairfield, CA 94534	<b>Signature of Prepare (Optional)</b> REGULATORY DEPT.

### Section 2 ~ Hazard(s) Identification

<i>Hazard Information for people and environment:</i>	Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use. Extremely flammable liquid and vapor in a pressurized container. Keep away from heat, sparks and flame. Has narcotizing effect.
<i>Risk phases:</i>	Extremely flammable, irritating to eyes and skin. Harmful: Danger of serious damage to health by prolonged exposure through inhalation. Possible risk of harm to the unborn child.
<i>Safety phases:</i>	Keep out of the reach of children. Keep away from sources of ignition – No smoking. Do not breathe gas/fumes/vapor/spray. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Wear suitable protective clothing and gloves. If swallowed, seek medical advice immediately and show this container or label. Use only in well-ventilated areas.
<i>Effects of Chronic Overexposure:</i>	May cause permanent brain and nervous system damage. Repeated overexposure can also damage kidneys, lungs, liver, heart, and blood. Intentional misuse by deliberately inhaling the contents may be harmful or fatal.
<i>Label elements</i>	    <p>DANGER: Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin irritation. Causes serious eye irritation. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure.</p>
<i>Hazard Statement</i>	
<i>Precautionary Statement Prevention</i>	Pressurized container: Do not pierce or burn, even after use. Use only with adequate ventilation. Do not breathe dust/vapors/spray mist. Avoid contact with eyes/skin/clothing. Wear protective gloves/clothing/eye protection. Keep away from heat/sparks/open flames/hot surfaces. Do not eat/drink/smoke when using this product. Do not spray on naked flame or other ignition sources.
<i>Response</i>	In case of fire, use extinguishing powder or water spray. Immediately contact a doctor or POISON CONTROL CENTER if you feel unwell. If medical attention is needed, have product label at hand. IF IN EYES: Rinse with water for several minutes. Remove contact lenses if present. If eye irritation persists seek medical attention. IF SWALLOWED: Rinse mouth with water. Do not induce vomiting. IF INHALED: Remove to fresh air and rest in a comfortable breathing position. IF ON SKIN: Wash thoroughly with water. Remove all contaminated clothing.
<i>Storage</i>	Store locked up. Protect from sunlight and do not expose to temperatures exceeding 122°F.
<i>Disposal</i>	Dispose of product in accordance with local/regional/national/international regulations.

### Section 3 ~ Composition/Information on Ingredients

Components (Specific Chemical Identity, Common Name(s))	CAS No.	%(Wt.)
Acetone	67-64-1	25.42%
Toluene	108-88-3	23.91%
Propane	74-98-6	15.78%
n-Butane	106-97-8	9.27%
Xylene (mix)	1330-20-7	6.87%
Stainless Steel Flake	65997-19-5	6.09%
Ethyl Benzene	100-41-4	1.21%
Mineral Spirits	64742-47-8	1.07%

This product is a mixture of the substances listed above with non-hazardous additions.

### Section 4 ~ First Aid Measures

**Eyes** — Move to fresh air. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.  
**Skin** — Immediately wash with water and soap and rinse thoroughly.  
**Inhalation** — Supply fresh air; consult doctor in case of complaints.  
**Ingestion** — Contact physician or poison control center.

### Section 5 ~ Fire Fighting Measures

**Extinguishing Media** – CO<sub>2</sub>, sand, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Specific Hazards**– No further relevant information available.

**Protective equipment for firefighters** – No special measures required.

### Section 6 ~ Accidental Release Measures

**Personal Precautions, Protective Equipment And Emergency Procedures** – Wear protective equipment. Keep unprotected person away.

**Methods And Materials For Containment And Cleaning Up** – Ensure adequate ventilation

**Environmental Precautions** – Do not allow product to reach sewage systems or ground water.

**Section 7 ~ Handling and Storage**

**Precautions For Safe Handling** – Do not spray on a naked flame or any incandescent material. Do not smoke. Protect from electrostatic discharges.

**Conditions for safe storage, including any incompatibilities** – Observe pressurized container storage regulations. Consult with local your local authorities.

**Section 8 ~ Exposure Controls/Personal Protection**

**Components with limit values that require monitoring at the workplace:**

Components	Type	Value	Components	Type	Value
67-64-1 Acetone	PEL	Long-term value: 2400 mg/m <sup>3</sup> , 1000 ppm	106-97-8 n-Butane	REL	Long-term value: 1900 mg/m <sup>3</sup> , 800 ppm
	REL	Long-term value: 590 mg/m <sup>3</sup> , 250 ppm		TLV	Short-term value: 2370 mg/m <sup>3</sup> , 1000 ppm
	TLV	Short-term value: (1782) NIC-1187 mg/m <sup>3</sup> , (750) NIC-500 ppm	1330-20-7 Xylene (mix)	PEL	Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
	Long-term value: (1188) NIC-475 mg/m <sup>3</sup> , (500) NIC-200 ppm	REL		Short-term value: 655 mg/m <sup>3</sup> , 150 ppm	
	BEI	TLV		Long-term value: 435 mg/m <sup>3</sup> , 100 ppm	
108-88-3 Toluene	PEL	Short-term value: C 300; 500* ppm	100-41-4 Ethyl benzene	PEL	Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
		Long-term value: 200 ppm		REL	Short-term value: 545 mg/m <sup>3</sup> , 125 ppm
		*10-min peak per 8-hr shift		TLV	Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
	REL	Short-term value: 560 mg/m <sup>3</sup> , 150 ppm		REL	Short-term value: 543 mg/m <sup>3</sup> , 125 ppm
	TLV	Long-term value: 375 mg/m <sup>3</sup> , 100 ppm		TLV	Long-term value: 87 mg/m <sup>3</sup> , 20 ppm
	BEI	Long-term value: 75 mg/m <sup>3</sup> , 20 ppm		BEI	
74-98-6 Propane	PEL	Long-term value: 1800 mg/m <sup>3</sup> , 1000 ppm			
	REL	Long-term value: 1800 mg/m <sup>3</sup> , 1000 ppm			
	TLV	Refer to Appendix F: minimal oxygen content			

**Ingredients with biological limit values**

67-64-1 Acetone	BEI	50mg/L	1330-20-7 Xylene (mix)	BEI	1.5g/g creatinine
		Medium: Urine			Medium: Urine
		Time: end of shift			Time: end of shift
		Parameter: Acetone (nonspecific)			Parameter: Methylhippuric acids
108-88-3 Toluene	BEI	0.02 mg/L	100-41-4 Ethyl Benzene	BEI	0.7 g/g creatinine
		Medium: Blood			Medium: Urine
		Parameter: Toluene			Time: end of shift work week
		0.03 mg/L			Parameter: Sun of mandelic acid and Phenylglyoxylic acid (non-specific semi-quantitative)
		Medium: Urine			-
		Time: end of shift			Medium: end-exhaled air
		Parameter: Toluene			Time: not critical
		0.3 mg/g creatinine			Parameter: Ethyl benzene (semi-quantitative)
Medium: Urine					
	Time: end of shift				
	Parameter: o-Cresol with hydrolysis (background)				

**Respiratory Protection**– A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect over exposure conditions exist, please consult an authority on chemical hygiene.

**Hand Protection**– Protective gloves. The glove material must be impermeable and resistant to the substance. No glove recommendation can be given.

**Eye/face protection**– Tightly sealed goggles.

**General hygiene considerations** –Keep away from foodstuffs and animal feed. Wash hands after use.

**Section 9 ~ Physical Chemical Properties**

<b>Boiling Point</b>	-166 °F	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	Between 0.77 and 0.85
<b>Vapor Pressure</b>	40 PSI, 2750 hPa	<b>Melting/Freezing Point</b>	-
<b>Vapor Density</b>	-	<b>Evaporation Rate (Butyl Acetate = 1)</b>	-
<b>Solubility in Water</b>	-	<b>pH</b>	N/D
<b>Appearance and Odor</b> – Aromatic odor.		<b>VOC Content (less exempt solvents)</b>	58.2 %
<b>Flash Point (Method Used):</b> (-2 °F)	<b>Auto - Ignition:</b> Product is not self-igniting	<b>Lower Flammability Level:</b> 1.7 Vol %	<b>Upper Flammability Level:</b> 10.9 Vol %

**Section 10 ~ Stability and Reactivity**

<b>Stability:</b> Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/>	<b>Conditions to Avoid</b> – Do not allow the can to exceed 120 degrees Fahrenheit. Stable at normal temperatures.	<b>Hazardous Polymerization:</b> May Occur <input type="checkbox"/> Will Not Occur <input type="checkbox"/>
<b>Incompatibility (Materials to Avoid)</b> –N/A		<b>Hazardous Decomposition or Byproducts</b> – No dangerous decomposition products known.

## Section 11 ~ Toxicological Information

### Information on likely routes of exposure

**Eye contact** — Irritating effect.

**Skin contact** —Irritant to skin and mucous membranes.

**Sensitization** — No sensitizing effects known.

### Carcinogenic Categories:

#### IARC (International Agency for Research on Cancer)

108-88-3	Toluene	3
1330-20-7	Xylene (mix)	3
100-41-4	Ethyl benzene	2B

#### NTP (National Toxicology Program)

None of the ingredients is listed

## Section 12 ~ Ecological Information

**Aquatic Toxicity:** Hazardous for water, do not empty into drains.

**Other Information:** This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), or chlorinated solvents.

## Section 13 ~ Disposal Considerations

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches. **Recommendation:** Completely empty cans should be recycled.

## Section 14 ~ Transport Information

US Depart. of Transportation (DOT)		Water Transportation (IMDG)		Air Transportation (IATA)	
Proper Shipping Name:	Consumer Commodity ORM-D	Proper Shipping Name:	-	Proper Shipping Name:	-
Hazard Class:	2.1	Hazard Class:	-	Hazard Class:	-
UN Number:	UN1950	UN Number:	-	UN Number:	-
Packing Group:	--	Packing exceptions:	-	Packing exceptions:	-
EMS Number:	F-D, S-U	Label Statement:	-	Label Statement:	-

## Section 15 ~ Regulatory Information

### US federal Regulations:

**TSCA :** All ingredients are not listed.

**CPSC:** This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

Listed.

### California Proposition 65 chemicals known to cause cancer:

100-41-4 Ethyl Benzene

Listed.

**California Proposition 65 chemicals known to cause developmental toxicity:** 108-88-3 Toluene

**WHMIS Symbols for Canada:** A-Compressed gas; D2A – Very toxic material causing other toxic effects



**Canadian WHMIS:** D2A

### EPA:

67-64-1	Acetone	I
108-88-3	Toluene	II
1330-20-7	Xylene (mix)	I
1004-41-4	Ethyl benzene	D

### ACGIH:

67-64-1	Acetone	A4
108-88-3	Toluene	A4
1330-20-7	Xylene (mix)	A4
100-41-4	Ethyl benzene	A3

**NIOSH:** The following substances are regulated in the United States with reference to occupational exposure limits.

### USDA (United States Department of Agriculture):

Category 21: This product was manufactured to conform to the USDA Food Safety and Inspection Service performance standards. These standards include, but are not limited to, the ability of this product to be safe for use in official meat and poultry establishments, and to perform well under a daily regimen of thorough cleaning, cyclical temperature change, and wet conditions. This product may be used where there is a possibility of incidental food contact.

## Section 16 ~ Other Information

	NFPA	HMIS	Key
HEALTH	1	1	4= Severe
FLAMMABILITY	4	4	3= Serious
REACTIVITY/PHYSICAL HAZARD	3	3	2= Moderate
OTHER/PROTECTION	-	-	1= Slight
			0= Minimal

This product was manufactured in the U.S.A. The information on this sheet is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.